

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	138	((profil\$3 or collect\$3 or gather\$3 or captur\$3) near5 (error or failure or crash\$3 or exception)) and (callstack or call-stack or (call\$3 adj stack))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/23 12:00
S2	102	S1 and ((analysis or analyz\$3 or exam\$5 or evaluat\$3 or diagnos\$3) near5 (data or information or record))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/23 12:06
S3	62	S2 and handler	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/23 11:12
S4	19	S1 and ((analysis or analyz\$3 or exam\$5 or evaluat\$3 or diagnos\$3) near5 (data or information or record) near5 stack)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/23 11:12
S5	28	S1 and ((analysis or analyz\$3 or exam\$5 or evaluat\$3 or diagnos\$3) near5 stack)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/23 13:34
S6	3846	((profil\$3 or collect\$3 or gather\$3 or trac\$3 or obtain\$3 or captur\$3) near5 (data or information or record) near5 (error or failure or crash\$3 or event or bug or exception)) and (callstack or call-stack or (call\$3 adj stack) or stack)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/23 12:06
S8	423	S6 and ((access or exam\$5 or analy\$3 or evaluat\$3) near5 (callstack or call-stack or (call\$3 adj stack) or stack))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/23 12:09

## EAST Search History

S9	191	S8 and handler	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/23 13:33
S11	29	S6 and ((analysis or analyz\$3 or exam\$5 or evaluat\$3 or diagnos\$3) near5 stack near5 (error or failure or exception or interrupt or bug or crash\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/23 13:35
S12	29	S6 and ((analysis or analyz\$3 or exam\$5 or evaluat\$3 or diagnos\$3) near5 (callstack or call-stack or (call\$3 adj stack) or stack) near5 (error or failure or exception or interrupt or bug or crash\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/23 14:10
S13	284	stack near5 (determin\$3 or identif\$4 or exam\$5 or analy\$3 or search\$3 or scan\$4 or evaluat\$3) near5 (error or interrupt or exception or crash or failure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/23 14:40
S14	58	S13 and "717"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/23 14:40



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### 1 [Software robustness: Triage: diagnosing production run failures at the user's site](#)



Joseph Tucek, Shan Lu, Chengdu Huang, Spiros Xanthos, Yuanyuan Zhou

 October 2007 **Proceedings of twenty-first ACM SIGOPS symposium on Operating systems principles SOSP '07**

Publisher: ACM Press

Full text available: pdf(292.47 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Diagnosing production run failures is a challenging yet important task. Most previous work focuses on offsite diagnosis, i.e. development site diagnosis with the programmers present. This is insufficient for production-run failures as: (1) it is difficult to reproduce failures offsite for diagnosis; (2) offsite diagnosis cannot provide timely guidance for recovery or security purposes; (3) it is infeasible to provide a programmer to diagnose every production run failure; and (4) privacy concerns ...

**Keywords:** debugging, diagnosis, onsite

### 2 [Applying classification techniques to remotely-collected program execution data](#)



Murali Haran, Alan Karr, Alessandro Orso, Adam Porter, Ashish Sanil

 September 2005 **ACM SIGSOFT Software Engineering Notes, Proceedings of the 10th European software engineering conference held jointly with 13th ACM SIGSOFT international symposium on Foundations of software engineering ESEC/FSE-13**, Volume 30 Issue 5

Publisher: ACM Press

Full text available: pdf(183.89 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

There is an increasing interest in techniques that support measurement and analysis of fielded software systems. One of the main goals of these techniques is to better understand how software actually behaves in the field. In particular, many of these techniques require a way to distinguish, in the field, failing from passing executions. So far, researchers and practitioners have only partially addressed this problem: they have simply assumed that program failure status is either obvious (i.e., ...

**Keywords:** classification, machine learning, software behavior

### 3 [Compiler construction: an advanced course](#)

F. L. Bauer, F. L. De Remer, M. Griffiths, U. Hill, J. J. Horning, C. H. A. Koster, W. M.